IN THE CLAIMS

Cancel claims 1 and 17 without prejudice.

Please amend the following claims:

Sub B1

A2

2. (Amended) A device for imaging printing plates comprising:

an array of *n* laser diodes which image *n* image points, so that one laser diode of the array is allocated to each i-th point, with *i* being from {1, ..., *n*}, the *n* image points being separated by a spatial interval *l* between adjacent image points, with a pitch distance *p* of dots to be imaged by the array,

the laser diodes being individually-drivable single stripe laser diodes,

wherein the spatial interval *l* between adjacent image points, measured in units of the pitch distance *p* of the dots, is an integral multiple *m* of the pitch distance *p* between the dots.

Sub B1

4. (Amended) The device as recited in claim 2 wherein the spatial interval *l* of adjacent image points, measured in units of the pitch distance *p* of the dots, is smaller than the number *n* of the image points.

5. (Amended) The device as recited in claim 2 wherein the multiple *m* and the number *n* of the image points are prime numbers.

A3

6. (Amended) The device as recited in claim 2 further comprising imaging optics for correcting at least one of divergence and aberration.

7. (Amended) The device as recited in claim 2 further comprising a control unit, at least one of the laser diodes of the array being controlled by the control unit.

8. (Amended) The device as recited in claim 2 wherein the number of laser diodes in the array is between 10 and 100.

9. (Amended) A device for imaging printing plates comprising:

an array of *n* laser diodes which image *n* image points, so that one laser diode of the array is allocated to each i-th point, with *i* being from {1, ..., *n*}, the *n* image points being separated by a spatial interval *l* between adjacent image points, with a pitch distance *p* of dots to be imaged by the array,

the laser diodes being individually-drivable single stripe laser diodes,

wherein the laser diodes are spaced apart on the array by a distance of between 100 and 1000 micrometers, and a width of emitter surfaces of the laser diodes is less than 10 micrometers.

11. (Amended) The device as recited in claim 2 further comprising at least one detector for testing for correct functioning and determining a power output of one or of a plurality of the laser diodes.

12. (Amended) The device as recited in claim 2 further comprising a laser controller, the laser controller being controlled as a function of the power output determined by the detector.

13. (Amended) The device as recited in claim 2 wherein at least one laser diode is a pulse controlled laser.

14. (Amended) The device as recited in claim 2 wherein a repetition rate of the light pulses is at least exactly as great as a pulse frequency of the pulse-controlled laser in order to displace the individual dots.

15. (Amended) The device as recited in claim 2 further comprising imaging optics including at

least one reflective optical element.

16. (Amended) The device as recited in claim 2 further including imaging optics having micro-optical components.

23. (Amended) A print unit comprising at least one device for imaging printing plates, the device including an array of n laser diodes which image n image points, so that one laser diode of the array is allocated to each i-th point, with i being from $\{1, \ldots, n\}$, the n image points being separated by a spatial interval l between adjacent image points, with a pitch distance p of dots to be imaged by the array, the laser diodes being individually-drivable single stripe laser diodes; the spatial interval l between adjacent image points, measured in units of the pitch distance p of the dots, being an integral multiple m of the pitch distance p between the dots.

Please add new claims 25 and 26:

25. (New) A print unit comprising at least one device for imaging printing plates, the device including an array of n laser diodes which image n image points, so that one laser diode of the array is allocated to each i-th point, with i being from $\{1, \ldots, n\}$, the n image points being separated by a spatial interval l between adjacent image points, with a pitch distance p of dots to be imaged by the array, the laser diodes being individually-drivable single stripe laser diodes, the laser diodes being spaced apart on the array by a distance of between 100 and 1000 micrometers, and a width of emitter surfaces of the laser diodes being less than 10 micrometers.

26. (New) A printing press comprising at least one print unit in accordance with claim 25.